

SEQUENCE LISTING

(1) INFORMATION FOR SEQ ID NO: 1

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 305base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: circular

(ii) MOLECULE TYPE: cDNA

(iii) SEQUENCE DESCRIPTION: SEQ ID NO: 1

Seq ID No. 1# Sequence of 31.2 clone:

5'- ATCGCCGTAA TTGCCATGTT TTCCCTCTCA CCGGAATCCT ACGTTATCC
CCTTACCTTC GTGAACATTA CAGTAGGAAT CCGTGGTCCA ATTATCAACT
TAATTTTGGG CGCATCTGTT CGTGTTAACT AGAAGCCATG TATACATACA
ATACAACATG GTTCACTCCT CCTACAGATT ATGAGTTGAA CTTTATAAT
AAGTTGTAAT AATGGCTTCT GAATAAGGAG AAGAGGAGCC TCTGTTTGTT
TTACTTATTA CAGATGTGAT ATCGTTCAAC AACTTTGATT CTGCGAAAAA
AAAAA-3'

(2) INFORMATION FOR SEQ ID NO:2

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 297 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: circular

(ii) MOLECULE TYPE: cDNA

(iii) SEQUENCE DESCRIPTION: SEQ ID NO: 2

Seq ID No.2# Sequence of 21.2 Clone:

5'- AGAAGTACCT GAAAGGAAGC TTAACGAGGT GAACATCCAT
TGCAGCCAGC CCTGGAATCT GTACAGGGCA ACTCTGAACC GGAATTATTT
TAATAACCCG TGGGCAATGA TTGCAATTAT GGCTCGTTTG GTATTACTTC
TACTCACTTA GACACAACCTG TATTTACGGT TTTCGCTGGA ATTGTAATTG
TTGGAGCGAC AAAATAGATG GTCACAACCTT ATTGGTGAGA GTATCAGTGT
GCTCTTCTTT ATCGTCTTTA ACTCTCCGTG GTAATTACTT TGACAATATT
CATACAT -3'

(3) INFORMATION FOR SEQ ID NO: 3

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 239 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: circular

(ii) MOLECULE TYPE: cDNA

(iii) SEQUENCE DESCRIPTION: SEQ ID NO: 3

Sequence ID No.3# 53.1 Clone:

5'-GAGACTCAGC TCAGCAATCA TGTTCCTAAGT GAATGTCACCT CTATCGCCTT
CTTGTCCTTC TTAGACATAC TACATCCTCA TTCTGCTAGA AATGAACTCA
TGTAGGTTTT GAAGTTGGGA ACTTTTGAAA CTGTGTTGTT TGGGTGCTGT
CTGTTATACA ATTCTCTCAA CTGCGGAGAA TTGACGTTGG TTGTAGTGGA
ATTCAACACT TGGGTTTTGT TCTTAGTTAA AAAAAAAAAA-3'

(4) INFORMATION FOR SEQ ID NO: 4

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 228 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: double

(D) TOPOLOGY: circular

(ii) MOLECULE TYPE: cDNA

(iii) SEQUENCE DESCRIPTION: SEQ ID NO: 4

Seq ID No.4# Sequence of 44.3 Clone:

5'-ATAGCTTAGT CACGTGTCTC TTGAGAATGG ACTACGTAGT TGTTAAGTTG
GGTGATCAGA AGGCGTTGAT GATGAATGTA TGAAGCAGAG ACTACTGAAT
GTAATTTTGT TGTTGAAAGA TGAATGATTT ATTAATGCCT GCATATCTTT
CTATTGTTTG ATGCCAAACC TTTGGGCACA TTTTCTTT CTTTTGTGA
TAATGTTCTC TTCTTGCAA AAAAAAAAAA-3'